

NOV 25 1998

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/17 (2/98)

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT	(\\$)	150.00
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Complete if Known

Application Number	08/835,419
Filing Date	April 9, 1997
First Named Inventor	Fraas
Examiner Name	T. McMahon
Group / Art Unit	1312 - 1744
Attorney Docket No.	

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number
Deposit Account Name

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	<input type="text"/>
106	330	206	165	Design filing fee	<input type="text"/>
107	540	207	270	Plant filing fee	<input type="text"/>
108	790	208	395	Reissue filing fee	<input type="text"/>
114	150	214	75	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) **(\\$)**

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	<input type="text"/> -20** = <input type="text"/> X <input type="text"/> = <input type="text"/>		
Independent Claims	<input type="text"/> - 3** = <input type="text"/> X <input type="text"/> = <input type="text"/>		
Multiple Dependent	<input type="text"/> = <input type="text"/>		

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description		
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	** Reissue independent claims over original patent
110	22	210	11	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\\$)**

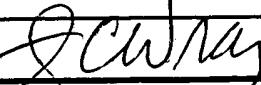
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130	Non-English specification	<input type="text"/>
147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55	Extension for reply within first month	<input type="text"/>
116	400	216	200	Extension for reply within second month	<input type="text"/>
117	950	217	475	Extension for reply within third month	<input type="text"/>
118	1,510	218	755	Extension for reply within fourth month	<input type="text"/>
128	2,060	228	1,030	Extension for reply within fifth month	<input type="text"/>
119	310	219	155	Notice of Appeal	150
120	310	220	155	Filing a brief in support of an appeal	<input type="text"/>
121	270	221	135	Request for oral hearing	<input type="text"/>
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55	Petition to revive - unavoidable	<input type="text"/>
141	1,320	241	660	Petition to revive - unintentional	<input type="text"/>
142	1,320	242	660	Utility issue fee (or reissue)	<input type="text"/>
143	450	243	225	Design issue fee	<input type="text"/>
144	670	244	335	Plant issue fee	<input type="text"/>
122	130	122	130	Petitions to the Commissioner	<input type="text"/>
123	50	123	50	Petitions related to provisional applications	<input type="text"/>
126	240	126	240	Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
Other fee (specify) _____					<input type="text"/>
Other fee (specify) _____					<input type="text"/>

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\\$)** 150.00

SUBMITTED BY

Typed or Printed Name	James C. Wray			Reg. Number	22,693
Signature		Date	11-24-98	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.